

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please cancel claims 12, 13, 17, 29 and 36 without prejudice.

Please amend claims 1, 3, 4, 14, 15, 18, 19, 26 and 27, as indicated below (material to be inserted is in **bold and underline**, and material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[]]):

Listing of Claims:

1. (Currently Amended) A display device, comprising:
a static spectral separator configured to refractively separate multispectral light into a plurality of light bands; ~~and~~
a homogenizing element configured to homogenize at least one separated light band; ~~and~~
a plurality of dichroic mirrors configured to interlace the separated light bands.
2. (Original) The display device of claim 1, further comprising a light source configured to produce the multispectral light.
3. (Currently Amended) The display device of claim 1, further comprising an image-forming element configured to form an image using the ~~homogenized light band~~ **interlaced light bands.**

4. (Currently Amended) The display device of claim 3, where the ~~homogenized light band is~~ interlaced light bands are configured to have a cross-section that facilitates scanning onto the image-forming element.

5. (Original) The display device of claim 4, where the cross-section includes an elongate ribbon.

6. (Previously Presented) The display device of claim 1, where the static spectral separator includes a prism.

7. (Previously Presented) The display device of claim 1, where the static spectral separator is configured to separate the multispectral light into at least three light bands.

8. (Original) The display device of claim 7, where the at least three light bands include red, green, and blue light bands.

9. (Original) The display device of claim 1, comprising at least one homogenizing element for each separated light band.

10. (Cancelled)

11. (Original) The display device of claim 9, where each homogenizing element includes a light pipe.

12. (Cancelled)

13. (Cancelled)

14. (Currently Amended) The display device of claim ~~[[1]]~~ 3, where the image-forming element includes a micromirror array.

15. (Currently Amended) A method of making a display device, comprising:
providing a light source;
providing a static spectral separator configured to refractively separate the light from the light source into a plurality of light bands;
providing a homogenizing element configured to homogenize at least one separated light band;
providing a plurality of dichroic mirrors configured to interlace the separated light bands; and
providing an image-forming element configured to form an image from the homogenized light.

16. (Previously Presented) The method of claim 15, where providing the light source includes providing a multispectral light source;
providing the static spectral separator includes providing a prism;
providing the homogenizing element includes providing a light pipe; and
providing the image-forming element includes providing a micromirror array.

17. (Cancelled)

18. (Currently Amended) The method of claim ~~[[17]]~~ **15**, further comprising providing a scanning device configured to scan the interlaced homogenized light bands across the image-forming element.

19. (Currently Amended) A method of forming a projected image, comprising:
generating multispectral light;
refractively separating the multispectral light into a plurality of light bands by passing the multispectral light through a static spectral separator;

homogenizing at least one separated light band; and
interlacing the separated light bands using a plurality of dichroic mirrors; and

forming an image using ~~at least one homogenized light band~~ **the interlaced light bands.**

20. (Original) The method of claim 19, where generating multispectral light includes generating substantially white light.

21. (Previously Presented) The method of claim 19, where separating the multispectral light into a plurality of light bands includes passing the multispectral light through a prism.

22. (Original) The method of claim 19, where homogenizing at least one separated light band includes passing the light band through a light pipe.

23. (Cancelled)

24. (Original) The method of claim 19, where forming an image includes selectively reflecting the light band from a reflective image-forming element.

25. (Original) The method of claim 24, where the image-forming element includes a micromirror array.

26. (Currently Amended) The method of claim 19, where forming an image includes scanning ~~at least one homogenized light band~~ **the interlaced light bands** across an image-forming element.

27. (Currently Amended) The method of claim 26, where the ~~scanned homogenized light band~~ has **interlaced light bands** have the shape of an elongate ribbon.

28. (Original) The method of claim 19, including homogenizing each of a plurality of separated light bands.

29. (Cancelled)

30. (Cancelled)

31. (Cancelled)

32. (Cancelled)

33. (Cancelled)

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

Page 6 -

AMENDMENT
Serial No. 10/608,972
HP Docket No. 200208828-1
KH Docket No. HPCC 390